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CENTRAL INTELLIGENCE AGENCY  
INFORMATION REPORT

50X1-HUM

COUNTRY USSR  
SUBJECT Gas Masks/Civilian/Military

REPORT

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THIS IS UNEVALUATED INFORMATION

1. "The "BN" type gas masks quite recently used in the armed forces of the USSR are now relegated to "civilian anti-gas defense". They are all of the same construction: a rubber helmet with a corrugated (crimped) tube leading from the helmet to the filtering box, which is different for the various types [as follows]:

Box	Colour	Protects against
BN-A	brown	poisonous vapours
BN-V	yellow	acid gases
BN-G	yellow-black	arsenic and phosphorite gases
BN-E	black	ammonia
BN-K	dark green	sulphuretted hydrogen, ammonia
BN-KD	grey	carbon oxide
BN-SO	white	all poisonous gases
BN-M	red	" " "
BN-P	red with white stripes	" " " and smoke

Civilian-military gas masks are:

BN-TCh	khaki	all poisonous gases and smoke
BN-TCh-4	"	" " " " "
BN-MT-4	"	" " " " "
BN-T-5	"	" " " " "

2. "For special industrial purposes (when workers have to be in a room filled with gases, vapours or smoke for a long time) filtering boxes of the same description are used. They have the same brands and colours but are larger in size. These boxes carry the additional letters "BK" [bolshaya korobka-large box].
3. "In the armed forces of the USSR the following types of gas masks are used: MOD-0-8, MOD-0-9, MOD-0-10, ShM-1, ShM-2, ShM-3.

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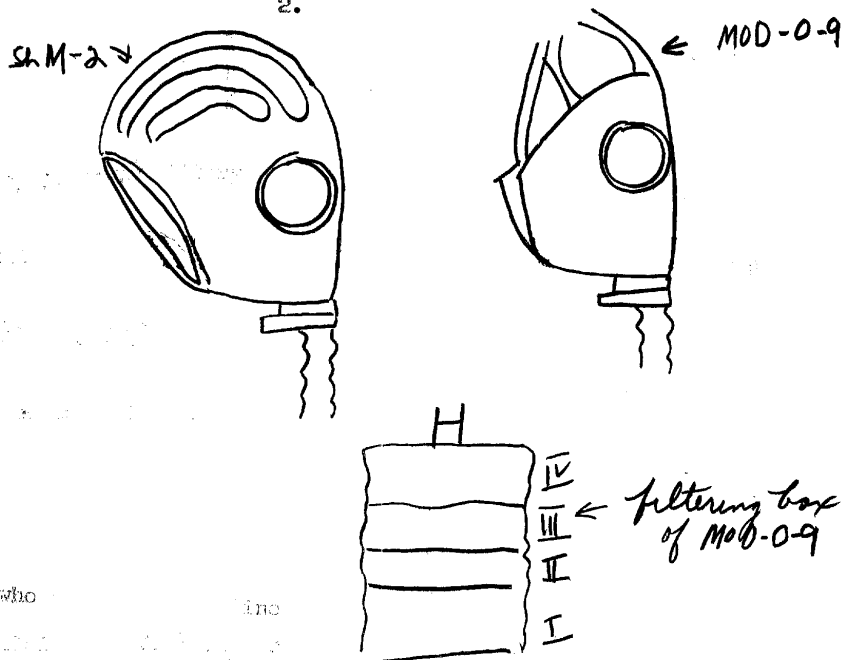
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4. "ShM-2 and MOD-0-9 are of the same quality and have the same filtering box. Their only difference is that ShM-2 has a close-fitting rubber helmet which guarantees that the mask is absolutely hermetical while MOD-0-9 has only a rubber mask which is fitted closely to the face by means of several tapes.

5. "ShM-2 and MOD-0-9 differ from the other gas masks in the following:

1. The glasses of the spectacles are twice as large as those of the civilian (BN) gas masks, and made from better glass.
2. The exit of the (inhaled air) is directed to the glasses of the spectacles by means of two rubber tubes. Passing the glasses the inhaled air cleans them of moisture and keeps them transparent. Furthermore, the spectacles are provided with (non-sweating) chemical plates (discs).
3. The exhaling valve is perfected and has a different form than in the other gas masks.
4. The filtering box of MOD-0-9 has four layers (starting from the bottom):

1st layer-an anti-smoke filter  
 2nd " -activated coal  
 3rd " -chemical absorbent  
 4th " -activated coal

5. The bottom of the filtering box is permanently open (grating).

6. ShM-2 has cert in negative aspects:

1. It reduces the hearing capacity of the soldiers.
2. It exercises pressure on the head, irritating the more sensitive soldiers.

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7. Both the above gas masks are put on in 5-6 seconds. A normal soldier can wear one of these masks for about five hours while fighting.

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